

International Application No.: PCT/JP2005/008926
U.S. Patent Application No.: Unknown
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IN THE ABSTRACT:

Please replace the Abstract of the Disclosure originally filed with the above-identified patent application with the following new Abstract of the Disclosure:

ABSTRACT OF THE DISCLOSURE

A power supply unit includes a main power-supply circuit and a secondary power-supply circuit which are connected to an alternating current power supply AC. The main power-supply circuit includes a full-wave rectifier and an input current control circuit corresponding to a harmonic current suppression circuit. The input current control circuit includes a resistor as circuit current detection element and a control circuit for controlling a switch element by detecting a current flowing in the resistor. A connection is provided such that a current flowing in a diode as a second rectifying circuit of the secondary power-supply circuit may return to the alternating current power supply through the resistor.